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**From:** Mike Johnson  
**Sent:** Thur 4/13/2017 3:03:33 AM  
**Subject:** Leviathan 2011 Spring Historical Data

Lynda,

We have been looking at the ASB Treatment System data from 2011 to help us understand how the Aspen Seep Bioreactor reacted during a previous high flow year. In looking at the effluent water quality along with flow rate, it appears that Iron was in exceedance during the spring of 2011 until late May when flows started trending down and temperatures started trending up. It was a similar occurrence to last month, where Iron was in exceedance, but the other analytes were within effluent discharge criteria. We will continue to make adjustments as necessary to fine tune the water treatment until we can gain equilibrium within the bioreactor and the flows begin to trend down.

Thanks,

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